

Subject: Minutes: DSS-13 Weekly Meeting 04-27-09

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Minutes: DSS-13 Weekly Meeting on 04-27-09

DSS-13 Science/Engineering Activities:

AMT Problem: Problems solved. This issue has been closed.

GAVRT: The S/X-band LNA has been re-installed at DSS-13 position 2 on Friday April 24. A test on X-band gain stability was not completed because of a power outage. The test will resume this week.

DSS-13/IF to ACME: There are problems during the test of the fiber optic hardware. The fiber optic receiver installed at ACME rack is not working. We have contacted the vendor (Jenco Tech) and plan to talk to Jenco's engineer soon. Using an old receiver, borrowed from DSS-13, we also found that the signal at SPC-10 is weak. An additional amplifier may be needed.

DSS-13 Power and UPS protection: We are going to move the 18kW UPS from DSS-12 to the comm room at DSS-13 this week. We also plan to purchase several 875 VA UPS (cost about \$175 each). This is to protect critical and valuable devices and computers during the test at DSS-13 control room and the pedestal.

Maser Refurbishing Work: Larry Schrader completed the refurbishing work on X-band HEMT (position 2) at CMF. He is working on another higher priority task (DSN compressors) and may be able to start working on the XKR maser refurbishing work next week.

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